

Appl. No. : 10/623,875  
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### AMENDMENTS TO THE CLAIMS

Claims 1 through 13 (Cancelled)

14. (Currently Amended) An intracranial aspiration catheter, comprising:  
an elongate, flexible tubular body, having a proximal end, a distal end, and an aspiration lumen extending therethrough;  
an opening on the distal end of the aspiration lumen;  
a distal section on the body in which the aspiration lumen including the opening on the distal end is movable between a first, reduced inside diameter for transluminal navigation and a second, enlarged inside diameter for aspirating material;  
a support for controllably supporting the aspiration lumen against collapse when in the second diameter; and  
a control on the proximal end of the catheter for controlling the support.
15. (Original) An intracranial aspiration catheter as in Claim 14, wherein the support comprises a spiral element.
16. (Original) An intracranial aspiration catheter as in Claim 15, wherein the support comprises a spring coil.
17. (Original) An intracranial aspiration catheter as in Claim 14, wherein the support is axially movable.
18. (Original) An intracranial aspiration catheter as in Claim 14, wherein the support is activated by rotating a first end of the support relative to a second end of the support.
19. (Original) An intracranial aspiration catheter as in Claim 14, wherein the aspiration lumen is defined within a tubular wall having a plurality of folds therein when the aspiration lumen is in the first inside diameter configuration.
20. (Original) An intracranial aspiration catheter as in Claim 14, wherein the aspiration lumen is defined within a stretchable tubular wall.

Claims 21 through 36 (Cancelled)